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PROCEEDINGS  
OF THE  
MONTHLY MEETINGS  
OF THE  
ENTOMOLOGICAL SECTION  
OF THE  
ACADEMY OF NATURAL SCIENCES,  
PHILADELPHIA.

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JANUARY 27, 1887.

Director Dr. HORN in the chair.

The following additions to the Library of the American Entomological Society were announced :

*Entomologica Americana*, vol. ii, Nos. 9-10. From the Editor.

*Canadian Entomologist*, vol. xviii, No. 10. From the Editor.

*Entomologist's Monthly Magazine* for January, 1887. From the Conductors.

*Psyche*, vol. iii, Nos. 103 and 104. From the Editors.

*Biologia Centrali-Americana* ; *Coleoptera*, vol. i, part 2, pp. 633-672, pl. 16 ; vol. iv, part 1, pp. 225-264, pl. 10 ; vol. vi, part 1, pp. 481-496, pl. 27. *Heterocera*, pl. 19-20. *Diptera*, pp. 73-128, pl. 2. *Arachnida*, pp. 1-8, pl. 1-3. By purchase.

Descriptive notices of North American *Coleoptera*, I, by Thos. L. Casey. From the Author.

Descriptions of New Species of *Hymenoptera* in the collection of the British Museum, by Frederick Smith. By purchase.

The Butterflies of New England, by C. J. Maynard. By purchase.

*Le Naturaliste Canadien*, vol. xvi, No. 6. From the Editor.

*Zur Kenntniss der Chilenischen Carabinen*, von August Morawitz. From the Author.

Zur Kenntniss der Adephagen Coleoptera, von August Morawitz  
From the Author.

Genera Crustaceorum et Insectorum, par P. A. Latreille, 4 vols.  
By purchase.

The following were presented by the author, A. Preudhomme de  
Borre :

Listes des especes de Coleopteres Carnassiers Terrestres et Aquat-  
iques.

Note sur les Crustaces Isopodes de la Belgique.

Materiaux pour la Faune Entomologiques des Flandres, Coleop-  
tères, Troisoieme Centurie.

Note sur le Geotrupes Stercorarius L. et les especes voisines.

The following were presented by the author, Dr. G. Mayr :

Ueber Eciton-Labidus.

Die australischen Formiciden.

Formicidæ novogranadenses.

Beitrage zur Ameisen-Fauna Asiens.

Formiciden, Gesammelt in Brazilien von Prof. Trail.

Cremastogaster Ranssoneti, n. sp.

Formicidæ Borneenses.

Vorlaufige Studien über die Radobog-Formiciden.

Drei neue Ost-Indische Formiciden-Arten.

Fourmis de Cayenne Francaise, par O. Radoszkowsky. From  
Dr. G. Mayr.

Paper 201 was read by title and referred to Publication Committee.

Special committee appointed to audit Treasurer's account report  
that the accounts and vouchers had been examined and found correct.

The Publication Committee reported in favor of the following  
paper: On the Cynipidous Galls of Florida, with descriptions of  
new species, and a synopsis of the described species of N. America,  
by W. H. Ashmead.

Mr. Bland exhibited some specimens of *Platynus luteiventris*, and  
alluded to the offensive odor produced by living specimens.

Dr. Horn gave some details of a study of Aphodius and allied  
genera, illustrated by specimens and blackboard sketches.

A communication was received from S. Frank Aaron, and his  
name was ordered stricken from the roll.

Mr. George B. Cresson was proposed for membership.

FEBRUARY 24, 1887.

Director Dr. HORN in the chair.

There being no quorum the Section, after conversation, adjourned.

MARCH 24, 1887.

Director Dr. HORN in the chair.

The following additions to the Library of the American Entomological Society were announced :

*Entomologica Americana*, vol. ii, Nos. 11-12. From the Editor.

*Canadian Entomologist*, vol. xviii, Nos. 11-12 ; xix, Nos. 1-2. From the Editor.

*Proceedings of the Academy of Natural Sciences*, Philadelphia, 1886. Part 3. From the Academy.

*Transactions of the American Entomological Society*, vol. xiii, Nos. 3-4. From the Publication Committee.

*Psyche*, vol. ix, Nos. 135-137. From the Editors.

*Journal of the Trenton Natural History Society*, No. 2. From the Society.

*Bulletin of the Museum of Comparative Zoology*, vol. xiii, No. 2. From the Museum.

*The Butterflies of Eastern United States*, by G. H. French. By purchase.

*Entomologist's Monthly Magazine*, vol. xxii, Nos. 273-274. From the Conductors.

*Biologia Centrali-Americana* : *Coleoptera*, vol. ii, part 1, pp. 1-16, pl. 1 ; vol. ii, part 2, pp. 673-736, pl. 17-18 ; vol. iv, part 1, pp. 265-273, pl. 11 ; vol. vi, part 1, pp. 497-504, pl. 28. *Heterocera*, plate 21. *Hymenoptera*, pp. 329-376, pl. 14-15. *Diptera*, pp. 129-176. By purchase.

*Journal and Proceedings of the Royal Society of New South Wales*, vol. xix, 1885. From the Society.

*Le Naturaliste Canadien*, vol. xvi, Nos. 5, 7 and 8. From the Society.

*Berliner Entomologische Zeitschrift*, 1886. From the Society.

*Die Genera der gallenbewohnenden Cynipiden* von Dr. G. Mayr. From H. F. Bassett.

*Die Formiciden der Vereinigten Staaten von Nord-amerika*, von Dr. G. Mayr. From the Author.

Catalogue des Coléoptères Carnassiers Aquatiques, par C. Van den Branden. From the Author.

The Publication Committee laid on the table the first number of vol. xiv of the Transactions.

A paper entitled: A Monograph of the Aphodinii of the United States by Geo. H. Horn, M.D., was reported favorably, and the report adopted.

The Custodian announced that a number of types of Cynipidæ and Chalcididæ had been sent for the cabinet of the American Entomological Society by Mr. W. H. Ashmead.

Paper No. 202 was read by title and referred.

Mr. George B. Cresson was elected to membership, and the following associates admitted: Ernest Seeber, Philip P. Calvert, Charles S. Welles and Frank Haimbach.

Before the close of the meeting Dr. Horn exhibited his series of Aphodinii and adverted to the differences between the various genera.

APRIL 28, 1887.

Director Dr. HORN in the chair.

The following additions to the Library of the American Entomological Society were announced:

A monograph of the Aphodinii inhabiting the United States, by G. H. Horn, M.D. From the Author.

Transactions of the American Entomological Society, vol. xiv, No. 1. From the Publication Committee.

Entomologica Americana, vol. iii, No. 1. From the Editor.

Canadian Entomologist, vol. xix, No. 3. From the Editor.

Bulletin of the Museum of Comparative Zoology, vol. xiii, No. 3, From the Museum.

Nineteenth Annual Report of the Peabody Academy of Sciences. From the Academy.

Bulletin of the Scientific Association, Peoria, Illinois, 1887. From the Association.

Entomologist's Monthly Magazine, vol. xxiii, No. 275. From the Conductors.

Bulletino della Societa Entomologica Italiana, 1886, No. 4, 1887, Nos. 1-2. From the Society.

Bulletin de la Société Imperiale des Naturalistes de Moscow, 1886. Nos. 2-3. From the Society.

Deutsche Entomologische Zeitschrift, 1886, No. 2. From the Society.

Verhandlungen der kaiserlich-königlichen zoologisch-botanischen Gesellschaft in Wien, vol. xxxvi, Nos. 3-4. From the Society.

The Publication Committee reported in favor of the publication of a paper by Rev. W. J. Holland, entitled :

Notes upon a small collection of Rhopalocera made by Rev. B. C. Henry in the Island of Hainan, together with descriptions of some apparently new species.

Report of Custodian was read.

Mr. Wenzel exhibited specimens of *Aphodius phalerioides* taken by him on the white sands south of Atlantic City near the beach.

Paper 203 was read by title and referred to Publication Committee.

Dr. Henry Skinner read the following note and exhibited the specimens in illustration :

Variation in **Argynnis Myrina**.—The descriptions are taken from two specimens, male and female, captured by Mr. G. H. Parker in Fairmount Park, Philadelphia. The male differs from the normal in having the space between the two zig-zag lines which run from the costa across the middle of the wing to the interior margin of the superiors filled in with inky black. Between this and the base are two solid black spots. The tawny spots on the exterior margin of the superiors are absent. The reticulation of the inferior wings is replaced by black. The under surface of the superiors differs in having the small hollow circles replaced by solid black dots which are larger than the replaced circles. The under surface of the inferiors shows no difference. The female is considerably lighter in color, but otherwise the variations are not nearly so well marked as in the male. These being the only abnormalities I have ever noticed in the species, the above descriptions may be of interest.

MAY 26, 1887.

Director Dr. HORN in the chair.

The following additions to the Library of the American Entomological Society were announced :

Transactions of the American Entomological Society. Supplementary volume, 1887, Part 1. From the Publication Committee.

Canadian Entomologist, vol. xix, No. 4. From the Editors.

Entomologica Americana, vol. iii, No. 2. From the Editor.

Bulletins 10-12 of the Division of Entomology, U. S. Department of Agriculture. From Prof. C. V. Riley.

Transactions of the Entomological Society of London, 1886. From the Society.

Entomologist's Monthly Magazine, May, 1887. From the Conductors.

*Biologia Centrali-Americana*: Coleoptera, vol. i, pt. 2, pp. 737-744, pl. 19; vol. ii, pt. 1, pp. 17-56, pl. 2. Hymenoptera, pp. 377-400, pl. 16. Heterocera, vol. i, pp. 201-224, pl. 22-23. Diptera, pp. 177-216, pl. 3. Acaridea, pl. 4-6. By purchase.

*Le Naturaliste Canadien*, vol. xvi, No. 10. From the Editor.

The Custodian reported an arrangement of the Coleoptera as far as the Cucujidæ in the list.

Dr. Horn spoke of the species of *Lachnosterna*, alluded to their superficial similarity and indicated the importance of the sexual characters of the males in the separation of species. The more important were illustrated by sketches on the blackboard.

Joseph G. McFarland was received as an associate member.

JUNE 13, 1887.

Director Dr. HORN in the chair.

The following additions to the Library of the American Entomological Society were announced:

Proceedings of the Boston Society of Natural History, 1887, sig. 21. From the Society.

Bulletin of the Essex Institute, vol. xviii, Nos. 7-12. From the Institute.

*Canadian Entomologist*, vol. xix, No. 6. From the Editor.

Entomologist's Monthly Magazine, June, 1887. From the Conductors.

Proceedings of the Zoological Society of London, 1886. From the Society.

Fitch's Noxious and Beneficial Insects of New York, Reports 1-9. From H. C. Wilt.

*Verhandlungen des Naturhistorischen Vereines der preussischen Rheinlande*, 1886, part 2. From the Society.

The Publication Committee reported in favor of a paper entitled: Studies of North American Chalcididæ, with descriptions of new species, by William H. Ashmead.

The Report of the Custodian was read.

Dr. Horn stated that since last meeting he had visited Cambridge and had studied the Lachnosternæ of the LeConte collection. The collection is in good order and well preserved.

From Dr. Hagen he had obtained two larvæ collected at Sierra Leone, Africa, which he had no doubt were *Glyptus sulcatus*. In due time he hoped to prepare descriptions and figures.

Mr. Wenzel gave an account of a recent visit to Virginia in company with Mr. Liebeck. *Dicælus dilatatus* was found feeding on snails.

Mr. Blake moved an appropriation of ten dollars to Mr. Coburn for extra services in the care of the room.

Mr. Gilbert C. Wood was received as an associate.

On motion of the Recorder the Section was adjourned until Sept.

SEPTEMBER 22, 1887.

Director Dr. HORN in the chair.

The following additions to the Library of the American Entomological Society were announced :

Canadian Entomologist, vol. xix, Nos. 7-9, 1887. From the Editor.

Proceedings of the Academy of Natural Sciences of Philadelphia, 1887, part 1. From the Academy.

Bulletin of the Museum of Comparative Zoology, vol. xiii, No. 4. From the Museum.

Proceedings of the Zoological Society of London, 1887, part 1. From the Society.

Journal of the Linnean Society of London, Zoology, vols. xix-xxi, Nos. 114-129, 1886-87. From the Society.

Proceedings of the Linnean Society of London, November, 1883 to June, 1887. From the Society.

Entomologist's Monthly Magazine, Nos. 278-280, 1887. From the Conductors.

Seventeenth Annual Report of the Entomological Society of Ontario. From the Society.

Bulletin of the Division of Entomology, U. S. Department of Agriculture, Nos. 13-15. From C. V. Riley.

Bulletin of the Illinois State Laboratory of Natural History, vol. iii, No. 1. From the Laboratory.



Synopsis of the North American Syrphidæ, by S. W. Williston, M.D. From the Author.

Our Shade Trees and their Insect Defoliators, by C. V. Riley. From the Author.

Biologia Centrali-Americana: Coleoptera, vol. ii, part 1, pp. 57-64; part 2, pp. 25-80, pl. 2-4; vol. iv, part 1, pp. 273-296; vol. vi, part 1, pp. 505-528, pl. 29. Rhopalocera, vol. ii, pp. 1-48, pl. 48-51. Heterocera, vol. i, pp. 225-248, pl. 24. Arachnidæ, pp. 9-16, pl. 7-8. By purchase.

Le Naturaliste Canadien, vol. xvi, No. 12; xvii, No. 1. From the Editor.

Bulletin de la Société Imperiale des Naturalistes des Moscow, 1886, No. 4, 1887, Nos. 1-2. From the Society.

Annales de la Société Entomologique de Belgique, vol. xxx, 1886. From the Society.

Mittheilungen der Schweizerischen Entomologischen Gesellschaft, vol. vii, Nos. 8-9, 1887. From the Society.

Deutsche Entomologische Zeitschrift, vol. i, 1887. From the Society.

Berliner Entomologische Zeitschrift 1887, No. 1. From the Society.

Horæ Societatis Entomologicæ Rossicæ, vol. xx, 1886. From the Society.

Catalogue des Trogides.—Liste des Lamellicornes Laparostictiques.—Note sur les genre Hapalonychus, Westw., par A. Preudhomme de Borre. From the Author.

The Custodian reported his work during the summer months.

Paper 204 was read by title and referred to Publication Committee.

A specimen of a pink Katydid was presented by Dr. Charles Schæffer through Prof. J. A. Ryder, who reported that similar specimens had been found by Prof. Baird at Wood's Holl last year.

Dr. Horn referred to *Dinapate Wrighti* described by him last year, and stated that this year the section of tree had failed to yield any specimens.

A pair of Longicorns was exhibited recently collected by Mr. E. A. Schwarz in Florida, indicating a new genus allied to *Agallissus*.

The larva of a *Monilema*, probably *obtusum*, was exhibited, collected by W. G. Wright in the Mojave Desert, living in the roots of *Opuntia basilaris*. Dr. Horn thought that all the *Monilemæ* were Cactus feeders.

OCTOBER 27, 1887.

Director Dr. HORN in the chair.

The following additions to the Library of the American Entomological Society were announced:

Canadian Entomologist, vol. xix, No. 10. From the Editor.

Report of the Entomologist, Charles V. Riley, for the year 1886. From the Entomologist.

Proceedings of the Zoological Society of London, 1887, part 2. From the Society.

Proceedings of the Linnean Society of New South Wales, 2d ser. vol. ii, part 2. From the Society.

Entomologist's Monthly Magazine, October, 1887. From the Conductors.

Notes on some Illinois Microgasters, with descriptions of new species, and on the parasites of the Lesser Apple Leaf-Roller—*Teras minuta*, by Clarence M. Weed. From the Author.

Biologia Centrali-Americana: Coleoptera, vol. i, part 2, pp. 745-768; vol. ii, part 2, pp. 81-104, pl. 5-6; vol. iv, part 1, pp. 297-320, pl. 12-13; vol. vi, part 1, pp. 529-544, pl. 30; vol. vii, pp. 1-32, pl. 1. Hymenoptera, pp. 401-416. Rhopalocera, vol. ii, pp. 49-96, pl. 52-53. Heterocera, vol. i, pp. pp. 249-256, pl. 25. Rhynch.-Homoptera, pp. 25-32, pl. 4. Arachnidæ, pl. 10-11. By purchase.

A Synopsis of the Central American species of Joppa, with diagnoses of new species.—A Synopsis of the British species of Cimbicidina, Hylotomina, Lophyrina and Lydina.—A Synopsis of the British species of Cephina—Hymenopterological. Notes.—On some Hymenoptera from Japan and the Pacific. On the Hymenoptera of the Hawaiian Islands. By Peter Cameron. From the Author.

The Publication Committee reported in favor of a paper entitled: "Monograph of the North American species of the Dipterous genus *Anthrax*," by D. W. Coquillett.

Mr. Calvert noted the occurrence of *Papilio Ajax* in Fairmount Park. Its occurrence in various places about Philadelphia was mentioned by Messrs. Liebeck, Wenzel and Laurent.

Recent captures of Coleoptera were exhibited by Mr. Wenzel.

Dr. Horn stated that Mr. Uhler had informed him that the pink Katyids were merely monstrosities due to a retardation of color development. Specimens are occasionally found partly pink and partly green.

Work on a monograph of *Lachnosterna* was alluded to by Dr. Horn, and from the material now in hand about eighty species were indicated.

Many of those present gave their experience as to the time and method of capturing *Lachnosterna*.

NOVEMBER 24, 1887,

Being a legal holiday, no meeting was held.

DECEMBER 12, 1887.

Director Dr. HORN in the chair.

The Treasurer of the Section presented his report, which was referred to a committee consisting of Messrs. Knight, McAllister and Lewis for examination and report.

Paper 205 was read by title and referred to Publication Committee.

Dr. Horn announced that at the next meeting he would exhibit his full series of *Lachnosterna*.

Dr. McCook read a request from a gentleman in Liverpool for specimens of *Mygale Hentzii*, and asked the assistance of the members. He also stated that he had opened negotiations for an exchange of specimens of insect architecture.

An election for officers for 1888 being now in order, a ballot was taken, and the following were chosen :

*Director*,—G. H. Horn, M.D.

*Vice-Director*,—Rev. H. C. McCook, D.D.

*Recorder*,—James H. Ridings.

*Treasurer*,—E. T. Cresson.

*Publication Committee*,—Henry Skinner, M.D., Philip Laurent.

